

Café Sessions

- Each workshop registrant will participate in two Café periods covering all four design elements: *Technologies with Broad Impact; Institute Structure and Governance; Strategies for Sustainable Institute Operations; and Education and Workforce Development.*
- A team composed of two federal agency representatives, professional facilitator, and scribes will support the Café discussions.
- Participants will engage in active discussion, and will have the opportunity to provide individual inputs. Participants will receive materials at the beginning of each Café period for reference and use.
- Participants are asked to provide written input on the discussion topics by completing the worksheet for that topic during the Café.
- Café worksheets should be turned in to facilitators prior to leaving the session.



Topics 1 & 2

1. *Technologies with Broad Impact*

- How could a proposing team select a well-defined focus area that meets both industry and national needs? What metrics could be used to help justify the selected focus area(s) and scale of effort?
- How would you design an Institute with a regional focus and position the Institute to create national/international technical preeminence? Is it possible to do this with an industry, technology, or process and product focused Institute agenda?

2. *Institute Structure and Governance*

- The NNMI preliminary design calls for an Institute to be led by an independent, not-for-profit organization. How then should an Institute leverage academic and regional resources, interface effectively with these and other key stakeholders, and manage intellectual property obligations?
- How should participation by non-domestic organizations be managed to maximize impact to the United States? For example, how might an Institute manage participation by a multi-national organization? Should a non-domestic organization participate in or lead a project?



Topics 3 & 4

3. *Strategies for Sustainable Institute Operations*

- How can an Institute sustain its operations beyond the 5-7 year mark?
 - How can an Institute unlock private investment? What strategies could be followed to attract partners, with particular attention to infrastructure and shared-use facilities, training and education, and other Institute “products”?
 - What might a sustainable Institute budget look like? How would an Institute’s diverse funding sources evolve with time?
- What might be some go/no-go criteria for uninterrupted flow of NNMI funds to an Institute?

4. *Education and Workforce Development*

- How can an Institute exercise industry leadership with other key stakeholders in workforce training and development?
- How should an Institute be responsive to a region’s workforce development and training priorities, and pursue initiatives that are responsive to the nation’s needs?



Schedule

(room assignments are shown on your Attendees List)

12:00-2:00 pm **Lunch and Plenary Panel; Army Remarks; Disperse for Café Sessions** (*Saturn Hall*)

2:10 pm **Café Period I – Design Characteristics 1, 2**

Café 1: Davidson Center, Auditorium

Café 2: Davidson Center, Classroom

Café 3: Main Museum Building, Mars Grill

Café 4: Main Museum Building, Discovery Theatre

3:10 pm **Break** (Davidson Center, and Main Museum Building)

3:30 pm **Café Period II – Design Characteristics 3, 4**

↩ Café 1: Davidson Center, Auditorium ↪

↩ Café 2: Davidson Center, Classroom ↪

↩ Café 3: Main Museum Building, Mars Grill ↪

↩ Café 4: Main Museum Building, Discovery Theatre ↪

Half of each audience switches to other room for Period II

4:30 pm Reassemble for Closing Plenary



Advanced Manufacturing National Program Office
Blueprint for Action: Workshop on the Design of the National
Network for Manufacturing Innovation

Lunch and Plenary Panel – Saturn Hall 12:00–2:00

Perspectives in Building Technology Clusters

Moderator

- **Rebecca Taylor**, Senior Vice President, National Center for Manufacturing Sciences (NCMS)

Expert Panelists

- **Ron Davis**, President, Alabama Automotive Manufacturers Association (AAMA)
- **Jennifer Fielding**, Deputy Program Manager, Defense-wide Manufacturing Science and Technology, Air Force Research Laboratory (AFRL)
- **Ralph Resnick**, President and Executive Director, National Center for Defense Manufacturing and Machining (NCDMM)
- **Bethany Clem Shockney**, Dean, Business/CIS, Technologies & Workforce Development, Calhoun Community College

